

OPINION 1873

HEMIDACTYLIINI Hallowell, 1856 (Amphibia, Caudata): conserved

Keywords. Nomenclature; taxonomy; Amphibia; Caudata; HEMIDACTYLIINI; salamanders; *Hemidactylium*; North America.

Ruling

- (1) Under the plenary powers the name *Mycetoglossus* Bonaparte, [1839] is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy, thereby invalidating the family-group name MYCETOGLOSSINI Bonaparte, 1850.
- (2) The name *Hemidactylium* Tschudi, 1838 (gender: neuter), type species by monotypy *Salamandra scutata* Temminck & Schlegel, [1838], is hereby placed on the Official List of Generic Names in Zoology.
- (3) The name *scutata* Temminck & Schlegel, [1838], as published in the binomen *Salamandra scutata* (specific name of the type species of *Hemidactylium* Tschudi, 1838), is hereby placed on the Official List of Specific Names in Zoology.
- (4) The name HEMIDACTYLIINI Hallowell, 1856 (type genus *Hemidactylium* Tschudi, 1838) is hereby placed on the Official List of Family-Group Names in Zoology.
- (5) The name *Mycetoglossus* Bonaparte, [1839] is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology (a junior objective synonym of *Pseudotriton* Tschudi, 1838 and suppressed in (1) above).
- (6) The name MYCETOGLOSSINI Bonaparte, 1850 is hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (invalid because the name of the type genus has been suppressed in (1) above).

History of Case 2869

An application for the conservation of the family-group name HEMIDACTYLIINI Hallowell, 1856 was received from Prof Hobart M. Smith (*University of Colorado, Boulder, Colorado, U.S.A.*) and Prof David B. Wake (*Museum of Vertebrate Zoology, University of California, Berkeley, California, U.S.A.*) on 17 November 1992. After correspondence the case was published in BZN 50: 129-132 (June 1993). Notice of the case was sent to appropriate journals.

Comments in support from Dr Robert G. Webb (*University of Texas at El Paso, El Paso, Texas, U.S.A.*), Dr Harold A. Dundee (*Tulane University, New Orleans, Louisiana, U.S.A.*), Dr Mario García París (*Museo Nacional de Ciencias Naturales, Madrid, Spain*), Dr Merel J. Cox (*Bangkok, Thailand*), Dr Robert A. Thomas (*Society for Environmental Education, New Orleans, Louisiana, U.S.A.*), Dr David M. Hillis (*University of Texas, Austin, Texas, U.S.A.*), Prof Francis R. Cook (*Canadian Museum of Nature, Ontario, Canada*), Dr Hidetoshi Ota (*University of Ryukyus, Nishihara, Okinawa, Japan*) and Dr Paul Chippindale (*University of Texas, Austin, Texas, U.S.A.*) were published in BZN 51: 153-156 (June 1994).

A note of support received from Prof Robert C. Stebbins (*University of California, Museum of Vertebrate Zoology, Berkeley, California, U.S.A.*), Dr Joseph T. Collins

(*University of Kansas, Museum of Natural History, Lawrence, Kansas, U.S.A.*), Dr James Lazell (*The Conservation Agency, Conanicut Island, Rhode Island, U.S.A.*), Dr Robert C. Drewes (*California Academy of Sciences, San Francisco, California, U.S.A.*), Dr Richard G. Zweifel (*American Museum of Natural History, New York, N.Y., U.S.A.*), Dr W.R. Branch (*Port Elizabeth Museum, Homewood, South Africa*), Dr David A. Good (*Louisiana State University, Museum of Natural Science, Baton Rouge, Louisiana, U.S.A.*) and Dr Robert F. Inger (*Field Museum of Natural History, Chicago, Illinois, U.S.A.*) was also published in BZN 51: 156.

An opposing comment from Prof Alain Dubois (*Muséum National d'Histoire Naturelle, Paris, France*) was published in BZN 51: 264–265 (September 1994). A reply from the authors of the application was published in BZN 51: 341–342 (December 1994).

A further opposing comment from Prof Dubois was published in BZN 52: 337–338 (December 1995); a reply by the authors of the application was published in BZN 53: 48–49 (March 1996).

Decision of the Commission

On 1 December 1996 the members of the Commission were invited to vote on the proposals published in BZN 50: 131. At the close of the voting period on 1 March 1997 the votes were as follows:

Affirmative votes — 18: Bock, Brothers, Cocks, Eschmeyer, Heppell, Kerzhner, Kraus, Macpherson, Mahnert, Martins de Souza, Mawatari, Minelli, Nielsen, Nye, Papp, Savage, Schuster, Song

Negative votes — 5: Bouchet, Kabata, Lehtinen, Patterson and Štys.

Dupuis abstained.

No vote was received from Cogger.

Ride was on leave of absence.

Voting against, Bouchet commented: 'The name HEMIDACTYLINI had been used in only 10 publications when Dubois (1984) resurrected the name MYCETOGLOSSINI. Priority should have been applied in this case for the past 13 years'. Abstaining, Dupuis commented: 'I refuse to vote on this case because in my personal view the time between the last comment and the distribution of voting papers was too short. The last comment was less than one year old'. [*Editorial note.* The comment was from the authors of the application. An explanation of procedure followed in sending cases for voting was given in BZN 54: 53–54, March 1997].

Original references

The following are the original references to the names placed on Official Lists and Official Indexes by the ruling given in the present Opinion:

HEMIDACTYLINI Hallowell, 1856. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 8: 11.

Hemidactylum Tschudi, 1838, *Mémoires de la Société des Sciences Naturelles de Neuchâtel*, 2: 94.

MYCETOGLOSSINI Bonaparte, 1850, *Conspectus systematum*, Classis IV (Amphibia), no. 27.

Mycetoglossus Bonaparte, [1839], *Iconografia della fauna Italica per le quattro classi degli animali vertebrati*, vol. 2 (Amfibi), Generi Salamandrini, no. 13.

scutata, *Salamandra*, Temminck & Schlegel, [1838], in Siebold, P.F. de, *Fauna Japonica ... annis 1823–1830 collect.* Reptilia Elaborantibus, p. 119.